

SEARCH HISTORY

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(FILE 'HOME' ENTERED AT 10:17:55 ON 12 JAN 2007)

FILE 'HCAPLUS' ENTERED AT 10:18:18 ON 12 JAN 2007

E MUHLRADT PETER/AU

L1 19 SEA ABB=ON ("MUHLRADT P F"/AU OR "MUHLRADT PETER"/AU OR
"MUHLRADT PETER F"/AU)

E MORR MICHAEL/AU

L2 68 SEA ABB=ON "MORR MICHAEL"/AU

L3 4 SEA ABB=ON L1 AND L2

SELECT RN L3 1-4

FILE 'REGISTRY' ENTERED AT 10:19:38 ON 12 JAN 2007

L4 4 SEA ABB=ON (250718-44-6/BI OR 219986-24-0/BI OR 289898-51-7/BI
OR 484648-56-8/BI)

FILE 'HCAPLUS' ENTERED AT 10:19:44 ON 12 JAN 2007

L5 3 SEA ABB=ON L3 AND L4

FILE 'REGISTRY' ENTERED AT 10:25:36 ON 12 JAN 2007

L6 STR

L7 0 SEA SSS SAM L6

L8 1 SEA SSS FUL L6

FILE 'HCAPLUS' ENTERED AT 10:30:56 ON 12 JAN 2007

L9 2 SEA ABB=ON L8

L10 ANALYZE L9 1-2 CT : 3 TERMS

FILE 'REGISTRY' ENTERED AT 11:29:31 ON 12 JAN 2007

DIS L6

L11 STR L6

L12 12 SEA SSS SAM L11

L13 184 SEA SSS FUL L11

L14 12 SEA SSS SAM L11

FILE 'HCAPLUS' ENTERED AT 11:32:14 ON 12 JAN 2007

L15 82 SEA ABB=ON L13

FILE 'REGISTRY' ENTERED AT 11:32:55 ON 12 JAN 2007

L16 STR L11

L17 7 SEA SUB=L13 SSS FUL L16

FILE 'HCAPLUS' ENTERED AT 11:33:59 ON 12 JAN 2007

L18 10 SEA ABB=ON L17

L19 5 SEA ABB=ON L18 AND (PRD<20020719 OR PD<20020719)

FILE 'USPATFULL' ENTERED AT 11:36:31 ON 12 JAN 2007

L20 2 SEA ABB=ON L18 AND (PRD<20020719 OR PD<20020719)

FILE 'HCAPLUS, USPATFULL' ENTERED AT 11:36:43 ON 12 JAN 2007

L21 6 DUP REMOV L19 L20 (1 DUPLICATE REMOVED)

FILE HOME

FILE HCAPLUS

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FILE COVERS 1907 - 12 Jan 2007 VOL 146 ISS 4
FILE LAST UPDATED: 11 Jan 2007 (20070111/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 11 JAN 2007 HIGHEST RN 917345-85-8
DICTIONARY FILE UPDATES: 11 JAN 2007 HIGHEST RN 917345-85-8

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TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

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<http://www.cas.org/ONLINE/UG/regprops.html>

FILE USPATFULL

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 11 Jan 2007 (20070111/PD)
FILE LAST UPDATED: 11 Jan 2007 (20070111/ED)
HIGHEST GRANTED PATENT NUMBER: US7162745
HIGHEST APPLICATION PUBLICATION NUMBER: US2007011793
CA INDEXING IS CURRENT THROUGH 11 Jan 2007 (20070111/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 11 Jan 2007 (20070111/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2006
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2006

L10 ANSWER 10 OF 19 HCAPLUS COPYRIGHT 2007 ACS on STN
AN 1992:408466 HCAPLUS
DN 117:8466
TI Enzymic peptide synthesis by proline iminopeptidase
AU Ohshiro, Takashi; Mochida, Kenichi; Uwajima, Takayuki
CS Tokyo Res. Lab., Kyowa Hakko Co., Ltd., Machida, 194, Japan
SO Biotechnology Letters (1992), 14(3), 175-8
CODEN: BILED3; ISSN: 0141-5492
DT Journal
LA English
AB Proline iminopeptidase was screened for the enzymic synthesis of proline-containing peptides. The enzyme was purified from the best strain *Bacillus brevis*, and the partially purified enzyme was used for peptide coupling of H-Pro-OCH₂Ph with phenylalanine. The dipeptide H-Pro-Phe-OH was obtained in 40% yield.